Evaluate the following limit.

\[
\lim_{x \to 1^+} \left( \frac{1}{x - 1} - \frac{1}{\ln x} \right).
\]
Q2]...[5 points] Let \( f'(x) = \frac{(x-2)(x+4)}{(x+1)(x-3)} \), \( x \neq -1, 3 \).

1. What are the critical points of \( f(x) \)?

2. On what intervals is \( f \) increasing or decreasing?

GOOD LUCK